Submittal Information for Green Building Projects

For the product described, this document and referenced materials provide all relevant submittal information needed for LEED v4.x, LEED v5, CALGreen, Living Building Challenge 3.x, WELL v2, Fitwel.

This information also supports documentation for other green building programs that cover indoor environmental quality (page 1) and sustainable materials (page 2). Other aspects of high-performance green building, such as energy efficiency, do not require direct submittals related to individual products. For a more comprehensive review of how use of PROSOCO products supports high-performance green building, or for detailed guidance on how the information below supports specific credit requirements of different building certification programs, see www.prosoco.com/sustainability.

OVERVIEW

Product:

Consolideck® LS®

Description:

Consolideck® LS® is the premium hardener, densifier and sealer for concrete surfaces.

CSI MasterFormat Division:

03 30 00, 03 35 00, 03 35 19, 03 35 43, 03 35 43.13, 09 61 19

INDOOR ENVIRONMENTAL QUALITY: LOW-EMITTING MATERIALS

VOC EMISSIONS (Only relevant for products used in building interior)
CDPH Standard Method v1.2-2017 compliant:

Yes

The range of total VOCs after 14 days (336 hours) as measured in CDPH Standard Method v1.2-2017:

0.5 – 5.0 mg/m3

PROSOCO uses SCS Indoor Advantage Gold for select products to demonstrate compliance in accordance with California Department of Public Health (CDPH) Standard Method v1.2-2017 using the applicable exposure scenario. SCS Indoor Advantage Gold also ensures that the additional requirements of LEEDv4 for low emitting materials are met. VOC emissions testing is only relevant for products used in the building interior. The building interior is defined (as per LEEDv4) as everything within the weatherproofing membrane.

VOC CONTENT (Relevant for all wet applied products)
VOC content of product (g/L):

0 g/L

California Air Resources Board (CARB) 2007 compliant:

Yes

CARB product category:

Concrete/Masonry Sealers

VOC limit for the CARB category (g/L):

100 g/L

Manufacturer assurance of product compliance with VOC content limits according to CARB (2007) for architectural coatings is accepted for use on all LEED projects for the following product categories relevant to PROSOCO products: Interior paints and coatings, Interior adhesives and sealants, Exterior products. For applicable product categories, compliance to SCAQMD 1168 is listed to demostrate CARB 2007 compliance. For applicable product categories, products that meet CARB 2007 typically also meet SCAQMD 1113 -- Please contact PROSOCO Customer Care for details.

MATERIALS & RESOURCES: BUILDING PRODUCT DISCLOSURE & OPTIMIZATION

MATERIAL INGREDIENT REPORTING:

PROSOCO has completed Health Product Declarations (HPDs) and Declare labels for a number of our products. This product has the following reports, inventoried to at least 0.1% (1,000 ppm):

Declare (PRO-0001)
HPD

MATERIAL INGREDIENT OPTIMIZATION:

If this product has met material ingredient optimization requirements for LEEDv4 and/or Living Building Challenge 3.0, or optimization criteria of other programs using the following measures, the requirements met will be listed below:

LEED v4: GreenScreen v1.2 Benchmark: Product has fully inventoried chemical ingredients to 0.01% (100 ppm) and no ingredients have Benchmark 1 hazards as defined by the Green Screen List Translator.

Yes

LBC 3.0: Product is compliant if Red List Free (Declare), Red List Free Approved (Declare), or Red List Free (Verification).

Red List Free

ENVIRONMENTAL PRODUCT DECLARATION (EPD):

LS - Declaration #: SmartEPD-2025-001-0716-01. In accordance with ISO 14025 AND ISO 21930:2017; North America

RAW MATERIAL SOURCING:

Recycled content and rapidly renewable or bio-based materials:

PROSOCO products are manufactured with 0% pre- or post-consumer recycled materials content and 0% rapidly renewable, bio-based or wood materials content.

Programs and reports:

PROSOCO does not have an Extended Producer Responsibility (EPR) product take-back program.

PROSOCO does not have a Corporate Sustainability Report (CSR) with publicly released report from raw material suppliers.

Extraction location:

PROSOCO is not generally able to provide extraction location of raw materials. When available, extraction location will be provided on the product's Declare label.

MANUFACTURING LOCATION

This product is manufactured in:

Lawrence, KS

ADDITIONAL INFORMATION AND RESOURCES

For supporting documentation and more detail on how PROSOCO products support high-performance green buildings:

https://prosoco.com/green-building/

For EPA Safer Choice certified maintanence cleaning products:

https://prosoco.com/green-building/epa-safer-choice-products/

Supporting documentation is also available in the following locations

Low Emitting material certifications from SCS Global Services:

https://www.scsglobalservices.com/certified-green-products-guide?manuf=24817

Declare labels from International Living Future Institute:

https://living-future.org/declare/?manufacturer=prosoco

All PROSOCO backup documentation, including HPDs, is also available on mindfulMATERIALS:

https://portal.mindfulmaterials.com/?brand-name=PROSOCO%2C%20Inc.

LEED requirements can be found in the LEED credit library:

http://www.usgbc.org/credits